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U.S. Department of the Interior • Bureau of Mines

MINERAL INDUSTRY SURVEYS

810 7th Street, NW Washington, DC 20241

For information call:
Cheryl Solomon, Cement Specialist (202)501-9393
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Cement, Monthly

CEMENT IN APRIL 1993

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Therefore in May you would use "5" as the last digit. For example, the ID. number for May cement tables 1 and 2 would be 171205 and for other selected cement tables in May is 170005. We are anticipating that tables 1 and 2 will be available by approximately the 15th of the second month following the month that you are interested in, and other selected tables in the monthly publication will be available approximately 2 weeks later.

May data would be anticipated to be available by July 15. If you try to use the FaxBack system and receive a message that "the document cannot be found", then the tables have not yet been loaded onto the system. In that case, please try again later.

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Prepared in the Branch of Industrial Minerals and Branch of Data Collection and Coordination, June 28, 1993.

Portland cement shipments in the United States and Puerto Rico were 6.9 million short tons in April according to the U.S. Bureau of Mines. This was 3% below shipments in April 1992. Cumulative shipments through April 1993, 20.9 million short tons, were 4% lower than cumulative shipments through April 1992.

The leading portland cement producing States (California, Texas, Pennsylvania, Alabama, and Missouri) shipped 41% of the April total. California, Texas, Florida, Ohio, and Illinois, the leading consuming States, received 37% of total shipments.

Masonry cement shipments of 293,000 tons in April were 10% above shipments in April 1992. Cumulative masonry shipments through April 1993, 955,000 short tons, were 8% higher than cumulative shipments through April 1992. The leading producing States (Indiana, Pennsylvania, Alabama, Florida, and Michigan) shipped 43% of the total. The leading consuming States (Florida, Texas, North Carolina, Georgia, and Ohio) received 39% of total shipments.

Tables 5, 6, and 7 contain March import data as reported by the Bureau of the Census which were not available for publication in the March report. March imports of 365,000 tons were 5% lower than imports in March 1992. Cumulative imports through March of 914,000 were 17% lower than cumulative imports through March 1992.

IMPORTANT NOTICE: The U.S. Bureau of Mines has planned a phase-in period for using metric units for cement and industrial mineral commodities. Beginning with the 1993 Cement Mineral Industry Surveys and continuing through December 1993, the shipments for individual States will continue to be given in short tons. However, there will be an additional total shipment line in metric units.

In the 1994 cement monthly publications, all data will be published in metric units with an additional total line in English units. In 1995, all data will be published in metric units only. Please be aware of this phase-in schedule for use with your data systems.

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TABLE 1
CEMENT SHIPMENTS BY PRODUCING DISTRICTS FOR MONTH OF APRIL, 1993

(Short tons unless otherwise noted)

District	Finished Portland Cement1/		Prepared Masonry Cement	
	April	Year to Date	April	Year to Date
Alabama	363,189	1,308,027	25,526	103,978
Alaska, Oregon	45,600	129,528	--	56
Arizona, Nevada, New Mexico	207,609	600,199	4,799	16,125
Arkansas, Louisiana, Mississippi	143,766	424,652	5,199	24,579
California, northern	210,556	624,703	--	--
California, southern	609,944	1,892,430	(2/)	(2/)
Colorado, Nebraska, Wyoming	216,820	527,483	(2/)	(2/)
Florida	333,909	1,262,132	25,221	93,252
Georgia, Tennessee	221,836	702,364	17,848	62,805
Hawaii	44,494	170,874	660	2,568
Idaho, Montana, Utah	151,191	386,500	491	1,754
Illinois	206,370	592,354	(2/)	(2/)
Indiana	176,481	506,697	28,537	97,306
Iowa	120,054	288,290	2,629	8,102
Kansas	101,376	295,957	2,448	9,521
Kentucky, Virginia, West Virginia	160,496	518,259	16,590	58,525
Maryland	159,293	457,536	5,184	17,675
Michigan	312,474	876,539	18,633	59,717
Missouri	349,224	991,265	8,400	33,077
New York, Maine	279,039	759,743	6,971	21,703
Ohio	95,731	269,851	10,570	24,564
Oklahoma	124,773	374,433	4,683	16,953
Pennsylvania, eastern	342,661	948,451	18,133	55,430
Pennsylvania, western	112,151	269,999	8,641	24,125
Puerto Rico	122,100	478,308	--	--
South Carolina	221,357	749,795	(2/)	(2/)
South Dakota	36,075	82,649	277	794
Texas, northern	273,701	908,080	7,623	28,177
Texas, southern	535,972	1,810,881	10,248	30,707
Washington	70,723	245,893	108	441
U.S. total (short tons)3/	6,348,965	19,453,872	276,114	891,522
U.S. total (metric tons)	5,759,686	17,648,261	250,486	808,775
Foreign imports4/	516,890	1,408,656	16,631	63,432
Total shipments (short tons)	6,865,855	20,862,528	292,745	954,953
Total shipments (metric tons)	6,228,601	18,926,172	265,574	866,319

1/Excludes cement used in the manufacture of prepared masonry cement.
2/Withheld to avoid disclosing company proprietary data; included in totals.
3/Includes imported foreign clinker which is ground and manufactured into cement.
4/As reported by domestic and Canadian cement manufacturers and other importers. Source of imports withheld to avoid disclosing company proprietary data.

TABLE 1A
PORTLAND CEMENT SHIPMENTS BY PRODUCING DISTRICTS, APRIL 1992-APRIL 1993 1/

(Short tons unless otherwise noted)

District	April 1992	May 1992	June 1992	July 1992	August 1992	September 1992	October 1992
Alabama	476,263	390,109	366,933	414,386	356,683	369,862	434,495
Alaska, Oregon	51,087	52,112	57,378	57,254	45,652	55,305	56,241
Arizona, Nevada, New Mexico	176,923	166,733	187,123	203,533	189,583	195,314	200,064
Arkansas, Louisiana, Mississippi	109,206	102,224	115,484	116,654	124,287	125,917	167,692
California, northern	209,405	213,677	258,882	270,656	256,266	266,183	239,148
California, southern	591,517	618,925	641,334	600,627	609,160	556,763	592,934
Colorado, Nebraska, Wyoming	204,025	256,017	291,313	275,433	334,948	357,534	354,326
Florida	283,721	281,681	291,320	291,758	268,491	254,857	305,054
Georgia, Tennessee	211,000	209,131	193,928	200,775	174,253	199,339	222,855
Hawaii	54,218	53,623	48,292	51,684	51,853	40,060	44,890
Idaho, Montana, Utah	178,547	180,336	209,096	197,020	200,396	203,043	185,107
Illinois	169,922	231,524	231,188	211,685	315,396	279,181	345,951
Indiana	200,263	288,371	356,862	330,028	261,117	288,999	259,954
Iowa	198,425	295,022	282,741	318,127	336,032	261,740	317,496
Kansas	125,584	150,325	149,038	168,653	164,557	172,254	157,746
Kentucky, Virginia, West Virginia	189,967	188,712	210,658	204,557	189,811	200,514	236,991
Maryland	145,559	130,406	146,462	134,177	131,013	141,743	150,567
Michigan	378,261	540,371	668,783	589,346	643,618	707,531	771,020
Missouri	449,388	532,114	567,037	529,316	580,685	549,492	585,580
New York, Maine	284,055	320,267	334,762	331,587	313,213	382,078	369,273
Ohio	103,503	138,328	159,562	143,015	174,278	167,970	172,810
Oklahoma	152,160	142,913	145,605	144,513	135,178	146,105	152,635
Pennsylvania, eastern	380,039	403,380	438,191	418,925	388,112	402,598	445,699
Pennsylvania, western	98,114	113,873	149,184	146,523	164,705	155,828	147,782
Puerto Rico	119,816	118,285	132,914	131,025	101,204	123,737	131,262
South Carolina	209,226	200,276	201,469	216,604	191,110	203,086	224,713
South Dakota	44,229	73,116	91,798	92,557	83,370	103,296	105,998
Texas, northern	218,256	254,078	217,810	236,748	236,642	240,454	245,104
Texas, southern	545,396	398,089	517,723	548,736	519,164	516,206	587,139
Washington	67,923	71,515	72,020	92,242	111,892	65,943	74,761
U.S. total (short tons)2/	6,625,998	7,115,533	7,734,890	7,668,144	7,652,669	7,732,932	8,285,287
U.S. total (metric tons)	6,011,006	6,455,105	7,016,976	6,956,425	6,942,387	7,015,200	7,516,288
Foreign imports3/	458,944	488,471	644,879	564,653	576,446	596,998	605,422
Total shipments (short tons)	7,084,942	7,604,004	8,379,769	8,232,797	8,229,115	8,329,930	8,890,709
Total shipments (metric tons)	6,427,353	6,898,238	7,602,001	7,468,670	7,465,330	7,556,788	8,065,518

See footnotes at end of table.

TABLE 1A
PORTLAND CEMENT SHIPMENTS BY PRODUCING DISTRICTS, APRIL 1992-APRIL 1993 1/ - CONTINUED

(Short tons unless otherwise noted)

District	November 1992	December 1992	1992 Yearend total	January 1993	February 1993	March 1993	April 1993
Alabama	299,739	324,535	4,411,331	282,342	321,462	341,034	363,189
Alaska, Oregon	37,747	28,061	565,336	18,554	26,451	38,923	45,600
Arizona, Nevada, New Mexico	163,966	123,852	2,006,160	94,555	120,054	177,981	207,609
Arkansas, Louisiana, Mississippi	112,927	104,257	1,324,225	75,806	92,368	112,712	143,766
California, northern	209,782	132,204	2,505,454	101,909	118,676	193,562	210,556
California, southern	519,317	456,069	6,533,116	305,595	383,617	593,274	609,944
Colorado, Nebraska, Wyoming	172,750	95,720	2,642,556	72,188	80,155	158,320	216,820
Florida	283,115	299,685	3,365,170	305,335	291,198	331,690	333,909
Georgia, Tennessee	152,128	143,806	2,142,920	132,090	170,491	177,947	221,836
Hawaii	39,804	41,624	565,238	37,927	40,034	48,419	44,494
Idaho, Montana, Utah	126,147	82,699	1,910,130	58,516	64,358	112,435	151,191
Illinois	187,055	156,676	2,618,119	106,718	120,274	158,992	206,370
Indiana	153,629	143,555	2,674,138	98,967	87,924	143,325	176,481
Iowa	120,260	71,632	2,418,476	41,741	46,560	79,935	120,054
Kansas	84,122	89,615	1,520,634	50,888	55,547	88,146	101,376
Kentucky, Virginia, West Virginia	148,461	133,247	2,142,728	112,670	116,427	128,666	160,496
Maryland	120,491	112,607	1,517,437	95,461	90,072	112,710	159,293
Michigan	441,683	304,355	5,592,390	180,778	146,936	236,351	312,474
Missouri	304,331	264,853	5,131,763	156,569	198,056	287,416	349,224
New York, Maine	255,397	235,787	3,302,854	157,688	133,254	189,762	279,039
Ohio	105,068	85,951	1,427,962	58,571	50,617	64,932	95,731
Oklahoma	98,694	104,944	1,587,264	68,076	72,897	108,687	124,773
Pennsylvania, eastern	345,131	256,359	4,124,897	207,787	166,866	231,137	342,661
Pennsylvania, western	115,807	59,635	1,273,502	49,950	45,777	62,121	112,151
Puerto Rico	99,171	109,777	1,426,059	97,817	119,380	139,011	122,100
South Carolina	168,587	170,482	2,351,300	146,640	185,044	196,754	221,357
South Dakota	40,524	23,254	711,801	13,445	10,674	22,455	36,075
Texas, northern	181,899	191,857	2,602,098	176,472	191,587	266,320	273,701
Texas, southern	390,236	419,670	5,617,119	365,764	421,373	487,772	535,972
Washington	53,804	50,978	817,024	38,062	60,363	76,745	70,723
U.S. total (short tons)2/	5,531,772	4,817,746	76,829,201	3,708,881	4,028,492	5,367,534	6,348,965
U.S. total (metric tons)	5,018,341	4,370,587	69,698,299	3,364,641	3,654,588	4,869,346	5,759,686
Foreign imports3/	478,171	413,928	5,917,168	236,485	272,388	382,893	516,890
Total shipments (short tons)	6,009,943	5,231,674	82,746,369	3,945,366	4,300,880	5,750,427	6,865,855
Total shipments (metric tons)	5,452,130	4,746,096	75,066,265	3,579,177	3,901,694	5,216,701	6,228,601

1/Excludes cement used in the manufacture of prepared masonry cement.
2/Includes imported foreign clinker which is ground and manufactured into cement by domestic cement companies.
3/As reported by domestic and Canadian cement manufacturers and other importers. Source of imports withheld to avoid disclosing company proprietary data.

TABLE 1B
MASONRY CEMENT SHIPMENTS BY PRODUCING DISTRICTS, APRIL 1992-APRIL 1993

(Short tons unless otherwise noted)

District	April 1992	May 1992	June 1992	July 1992	August 1992	September 1992	October 1992
Alabama	29,605	27,865	28,718	30,746	28,310	30,751	30,626
Alaska, Oregon	--	--	--	--	--	--	--
Arizona, Nevada, New Mexico	2,895	3,805	4,421	4,382	4,170	4,420	4,270
Arkansas, Louisiana, Mississippi	6,188	6,114	6,353	6,552	5,639	6,996	6,714
California, southern	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)
Colorado, Nebraska, Wyoming	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)
Florida	20,153	17,701	18,261	21,236	16,731	16,471	20,027
Georgia, Tennessee	16,902	16,114	16,600	17,635	15,819	17,404	17,329
Hawaii	721	647	725	656	571	477	577
Idaho, Montana, Utah	607	656	624	741	535	801	657
Illinois	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)
Indiana	32,784	31,522	35,041	36,183	33,548	35,177	36,347
Iowa	3,181	4,160	3,803	4,356	4,493	3,778	3,982
Kansas	2,234	2,289	2,495	2,580	2,690	2,785	3,423
Kentucky, Virginia, West Virginia	17,805	16,835	16,057	17,831	14,873	17,256	18,570
Maryland	5,486	5,067	6,293	5,563	5,564	6,401	5,730
Michigan	18,838	26,444	31,258	27,408	28,426	28,532	30,304
Missouri	10,143	9,567	10,569	10,918	9,620	10,470	11,168
New York, Maine	8,500	9,592	10,738	10,465	9,471	9,789	9,695
Ohio	10,359	10,672	10,092	10,305	10,383	10,147	11,037
Oklahoma	4,250	4,258	4,496	5,353	4,254	5,468	5,021
Pennsylvania, eastern	20,229	19,414	21,018	21,676	19,404	20,573	21,651
Pennsylvania, western	6,066	7,548	8,363	7,773	8,074	7,531	7,982
South Carolina	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)
South Dakota	472	469	352	410	390	460	358
Texas, northern	8,432	8,048	8,401	9,586	8,974	9,716	9,899
Texas, southern	6,346	4,513	5,000	5,623	5,159	5,512	5,381
Washington	302	281	180	232	235	221	190
U.S. total (short tons)	252,295	254,077	268,526	278,808	256,136	270,434	281,252
U.S. total (metric tons)	228,878	230,495	243,603	252,930	232,363	245,334	255,148
Foreign imports2/	14,795	15,407	16,529	17,907	16,447	16,705	17,080
Total shipments (short tons)	267,090	269,484	285,055	296,715	272,583	287,139	298,332
Total shipments (metric tons)	242,300	244,472	258,598	269,175	247,283	260,488	270,642

See footnotes at end of table.

TABLE 1B
MASONRY CEMENT SHIPMENTS BY PRODUCING DISTRICTS, APRIL 1992-APRIL 1993 - CONTINUED

(Short tons unless otherwise noted)

District	November 1992	December 1992	1992 Yearend total	January 1993	February 1993	March 1993	April 1993
Alabama	25,971	21,851	323,019	22,178	26,318	29,956	25,526
Alaska, Oregon	--	--	5	--	--	56	--
Arizona, Nevada, New Mexico	3,827	3,382	42,720	2,692	3,645	4,989	4,799
Arkansas, Louisiana, Mississippi	1,894	6,956	66,586	5,595	5,681	8,104	5,199
California, southern	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)
Colorado, Nebraska, Wyoming	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)
Florida	17,168	19,890	220,665	20,116	21,802	26,113	25,221
Georgia, Tennessee	12,648	12,401	180,286	12,207	14,907	17,843	17,848
Hawaii	605	550	7,604	558	688	662	660
Idaho, Montana, Utah	528	386	9,061	306	367	590	491
Illinois	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)
Indiana	23,952	23,182	360,533	20,501	23,397	24,871	28,537
Iowa	2,268	1,923	38,426	1,209	1,192	3,072	2,629
Kansas	2,251	2,466	28,603	1,688	2,904	2,481	2,448
Kentucky, Virginia, West Virginia	14,515	12,316	187,235	11,968	12,631	17,336	16,590
Maryland	4,986	6,451	64,533	4,074	3,710	4,707	5,184
Michigan	19,134	14,004	268,829	14,170	10,234	16,680	18,633
Missouri	7,160	6,988	111,860	6,763	7,640	10,274	8,400
New York, Maine	6,709	5,528	95,827	4,663	3,712	6,357	6,971
Ohio	7,607	10,322	108,890	4,270	3,829	5,895	10,570
Oklahoma	1,619	3,948	51,656	3,136	3,115	6,019	4,683
Pennsylvania, eastern	16,415	10,612	209,199	12,287	10,134	14,876	18,133
Pennsylvania, western	5,611	3,561	73,107	4,023	4,323	7,138	8,641
South Carolina	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)	(1/)
South Dakota	210	212	4,041	163	100	254	277
Texas, northern	8,389	7,610	99,885	7,411	6,598	6,545	7,623
Texas, southern	4,692	4,952	61,525	5,078	5,942	9,439	10,248
Washington	160	115	2,399	58	140	135	108
U.S. total (short tons)	204,572	195,776	2,839,795	178,776	189,751	246,881	276,114
U.S. total (metric tons)	185,585	177,605	2,576,219	162,183	172,139	223,967	250,486
Foreign imports2/	14,345	19,251	189,398	11,420	13,686	21,695	16,631
Total shipments (short tons)	218,922	215,027	3,029,198	190,196	203,436	268,576	292,745
Total shipments (metric tons)	198,603	195,069	2,748,043	172,543	184,554	243,648	265,574

1/Withheld to avoid disclosing company proprietary data; included in totals.
2/As reported by domestic and Canadian cement manufacturers and other importers. Source of imports withheld to avoid disclosing company proprietary data.

TABLE 2
CEMENT SHIPMENTS BY DESTINATION FOR APRIL, 1993 1/

(Short tons unless otherwise noted)

State	Finished Portland Cement2/			Prepared Masonry Cement		
	April	Percent estimated3/	Year to Date	April	Percent estimated3/	Year to Date
Alabama	130,395	--	433,191	11,027	--	41,028
Alaska	3,485	--	15,261	(4/)	(4/)	(4/)
Arizona	190,089	--	588,350	(4/)	(4/)	(4/)
Arkansas	68,929	--	253,744	4,154	--	16,889
California, northern	279,365	--	803,859	--	--	--
California, southern	497,515	--	1,550,090	(4/)	(4/)	(4/)
Colorado	173,448	--	452,754	1,927	--	5,812
Connecticut5/	52,871	--	144,017	1,385	--	4,128
Delaware5/	27,608	--	70,772	945	--	2,916
District of Columbia5/	11,003	--	38,040	--	--	8
Florida	510,176	--	1,898,359	41,946	--	153,971
Georgia	241,650	--	791,719	17,727	--	61,124
Hawaii	44,506	--	171,093	660	--	2,568
Idaho	36,801	--	79,720	69	--	170
Illinois	86,642	--	220,405	1,869	--	5,431
Chicago, metropolitan5/	156,247	--	395,129	4,184	--	13,153
Indiana	137,321	--	382,543	7,677	--	26,321
Iowa	79,823	--	157,940	906	--	2,734
Kansas	84,675	--	217,278	1,449	--	4,111
Kentucky	100,175	--	284,891	7,386	--	25,645
Louisiana	162,279	--	539,193	3,734	--	15,044
Maine	12,406	--	37,988	509	--	1,136
Maryland	94,263	--	295,556	7,366	--	23,659
Massachusetts5/	85,195	--	232,180	2,046	--	5,951
Michigan	140,113	--	355,814	10,914	--	28,606
Minnesota5/	83,703	--	216,013	2,710	--	8,153
Mississippi	89,224	--	267,615	3,795	--	14,685
Missouri	140,507	--	415,439	2,796	--	11,155
Montana	26,181	--	50,721	105	--	253
Nebraska	58,225	--	120,454	977	--	2,623
Nevada	109,750	--	347,956	20	--	121
New Hampshire5/	15,115	--	41,726	370	--	1,508
New Jersey5/	146,073	--	380,446	4,795	--	14,192
New Mexico	61,062	--	196,116	739	--	1,790
New York, eastern	46,124	--	110,510	2,011	--	5,613
New York, western	61,932	--	161,933	2,441	--	8,252
New York, metropolitan5/	81,130	--	200,432	3,458	--	9,512
North Carolina5/	177,338	--	585,406	19,141	--	76,867
North Dakota5/	14,155	--	26,370	321	--	765
Ohio	249,032	--	657,821	15,389	--	45,439
Oklahoma	103,462	--	314,831	2,388	--	10,720

See footnotes at end of table.

TABLE 2
CEMENT SHIPMENTS BY DESTINATION FOR APRIL, 1993 1/ - CONTINUED

(Short tons unless otherwise noted)

State	Finished Portland Cement2/			Prepared Masonry Cement		
	April	Percent estimated3/	Year to Date	April	Percent estimated3/	Year to Date
Oregon	69,006	--	221,742	18	--	57
Pennsylvania, eastern	150,619	--	422,636	4,910	--	15,714
Pennsylvania, western	86,099	--	212,638	6,906	--	19,910
Rhode Island5/	12,919	--	32,649	254	--	722
South Carolina	101,006	--	338,098	9,728	--	35,966
South Dakota	16,840	--	35,725	457	--	1,263
Tennessee	144,878	--	443,780	13,734	--	51,816
Texas, northern	356,292	--	1,235,325	12,808	--	43,508
Texas, southern	376,381	--	1,282,456	7,206	--	25,118
Utah	89,420	--	205,724	128	--	694
Vermont5/	6,135	--	18,045	171	--	649
Virginia	147,522	--	476,048	12,471	--	46,514
Washington	149,428	--	471,836	503	--	1,692
West Virginia	31,731	--	92,914	3,200	--	9,162
Wisconsin5/	94,169	--	284,275	3,609	--	10,323
Wyoming	15,227	--	32,966	190	--	391
Puerto Rico	122,100	--	478,308	--	--	--
U.S. poss. and terr.	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)
Foreign countries6/	26,090	--	73,688	27,116	--	39,401
Total shipments (short tons)	6,865,855	--	20,862,528	292,745	--	954,953
Total shipments (metric tons)	6,228,601	--	18,926,172	265,574	--	866,319

1/Includes imported cement shipped by domestic and Canadian cement manufacturers and other importers.
2/Excludes cement used in the manufacture of prepared masonry cement.
3/Based on quantity.
4/Included with foreign countries to avoid disclosure of individual company proprietary data.
5/Has no cement producing plants.
6/Direct shipments by producers to foreign countries and also states indicated by footnote 4/.

TABLE 2A
PORTLAND CEMENT SHIPMENTS BY DESTINATION, APRIL 1992-APRIL 1993 1/ 2/

(Short tons unless otherwise noted)

State	April 1992	May 1992	June 1992	July 1992	August 1992	September 1992	October 1992
Alabama	134,069	125,064	124,261	128,956	116,639	126,785	150,433
Alaska	5,143	7,618	15,073	15,531	19,845	14,703	8,841
Arizona	167,218	153,088	169,694	171,194	153,497	167,502	165,604
Arkansas	81,061	76,120	78,998	76,814	80,130	79,239	92,480
California, northern	268,841	276,739	314,656	314,673	309,119	292,878	295,042
California, southern	529,888	545,782	586,027	541,855	529,818	483,914	489,821
Colorado	141,861	178,172	217,366	227,471	241,923	256,971	261,032
Connecticut3/	56,510	61,822	67,952	65,349	60,930	72,784	72,486
Delaware3/	19,587	19,055	20,939	21,801	22,366	21,265	41,219
District of Columbia3/	9,225	7,356	7,965	6,639	6,904	8,207	8,388
Florida	483,970	466,940	452,808	493,673	407,146	417,833	485,547
Georgia	234,558	214,074	210,073	217,658	193,711	222,568	258,220
Hawaii	54,267	53,701	48,451	51,825	51,892	40,117	45,056
Idaho	36,279	37,580	37,283	42,377	54,819	49,942	42,848
Illinois	122,763	163,514	174,481	154,097	171,446	158,617	183,358
Chicago, metropolitan3/	168,343	222,587	260,871	216,784	245,448	234,845	284,048
Indiana	152,980	181,664	217,171	195,636	224,602	241,179	227,577
Iowa	115,712	175,175	191,598	159,172	227,021	206,911	224,418
Kansas	103,225	118,945	117,945	133,092	132,132	142,210	142,753
Kentucky	108,864	107,981	122,329	133,092	127,423	127,563	142,058
Louisiana	150,216	164,348	150,058	160,835	142,396	141,850	178,782
Maine	14,137	27,941	32,781	29,708	28,418	33,140	32,618
Maryland	108,661	101,880	112,558	102,187	97,750	98,908	111,546
Massachusetts3/	83,648	94,017	100,464	96,893	90,280	98,844	102,775
Michigan	153,695	267,618	307,281	270,194	304,042	299,364	300,840
Minnesota3/	106,412	160,494	195,107	201,643	200,187	210,270	220,922
Mississippi	74,502	75,027	77,035	75,403	72,281	79,322	81,259
Missouri	197,462	227,090	222,814	201,890	240,289	213,508	258,131
Montana	22,231	23,838	25,490	28,841	29,497	31,345	35,117
Nebraska	79,664	97,378	97,746	86,866	101,002	119,687	116,553
Nevada	98,945	93,151	96,028	96,291	99,137	100,146	112,932
New Hampshire3/	16,364	21,837	25,880	24,640	24,223	26,563	24,372
New Jersey3/	140,738	137,047	140,738	141,304	133,931	144,416	164,380
New Mexico	59,290	57,287	64,548	60,145	55,107	55,600	60,955
New York, eastern	46,999	56,980	63,221	61,714	64,507	71,234	68,150
New York, western	58,616	89,822	104,758	92,741	100,066	109,278	101,307
New York, metropolitan3/	86,369	92,146	100,036	98,404	88,284	94,931	93,066
North Carolina3/	182,253	178,525	175,748	183,856	161,909	175,584	188,464
North Dakota3/	13,183	25,267	49,942	37,341	48,082	41,441	34,610
Ohio	251,761	320,273	352,727	316,612	345,410	363,648	385,785
Oklahoma	90,879	83,909	83,090	95,579	89,988	102,586	121,631
Oregon	67,218	60,666	85,122	86,766	83,509	85,919	85,417

See footnotes at end of table.

TABLE 2A
PORTLAND CEMENT SHIPMENTS BY DESTINATION, APRIL 1992-APRIL 1993 1/ 2/ - CONTINUED

(Short tons unless otherwise noted)

State	April 1992	May 1992	June 1992	July 1992	August 1992	September 1992	October 1992
Pennsylvania, eastern	164,683	186,138	207,000	188,527	186,753	196,562	201,942
Pennsylvania, western	99,060	119,538	153,509	147,991	172,157	170,884	144,837
Rhode Island3/	12,005	16,723	15,475	14,861	13,157	13,853	14,018
South Carolina	91,530	86,437	85,962	92,041	78,309	86,090	93,232
South Dakota	22,210	36,647	59,386	46,270	39,011	41,209	44,237
Tennessee	143,595	129,300	129,470	140,693	142,464	146,787	164,392
Texas, northern	330,841	278,133	347,133	314,435	354,430	361,521	387,315
Texas, southern	376,785	307,932	348,825	432,329	354,637	336,473	375,058
Utah	82,130	85,770	98,083	102,247	102,651	103,573	90,219
Vermont3/	6,441	10,888	13,283	13,551	12,314	14,216	13,539
Virginia	155,903	136,760	158,934	156,520	146,401	152,061	169,171
Washington	160,461	127,361	172,078	178,748	180,622	183,083	175,717
West Virginia	36,864	39,435	47,665	48,717	45,822	46,142	61,056
Wisconsin3/	144,755	220,475	240,991	245,100	259,564	217,549	260,514
Wyoming	17,674	26,327	36,530	26,054	25,846	32,694	26,171
Puerto Rico	119,816	118,285	132,914	131,025	101,204	123,737	131,262
U.S. poss. and terr.	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)
Foreign countries5/	22,582	28,337	33,418	36,146	36,667	39,879	37,188
Total shipments (short tons)...	7,084,942	7,604,004	8,379,769	8,232,797	8,229,115	8,329,930	8,890,709
Total shipments (metric tons)..	6,427,353	6,898,238	7,602,001	7,468,670	7,465,330	7,556,788	8,065,518

See footnotes at end of table.

TABLE 2A
PORTLAND CEMENT SHIPMENTS BY DESTINATION, APRIL 1992-APRIL 1993 1/ 2/ - CONTINUED

(Short tons unless otherwise noted)

State	November 1992	December 1992	1992 Yearend total	January 1993	February 1993	March 1993	April 1993
Alabama	97,034	100,167	1,429,714	84,915	107,267	110,614	130,395
Alaska	5,997	3,785	111,670	2,820	4,061	4,895	3,485
Arizona	144,732	126,355	1,842,821	97,950	128,212	172,099	190,089
Arkansas	61,996	69,013	872,367	49,165	59,194	76,456	68,929
California, northern	266,073	174,646	3,059,645	131,651	153,584	239,259	279,365
California, southern	427,851	376,784	5,732,293	238,260	317,438	496,877	497,515
Colorado	125,959	77,623	1,945,840	66,594	70,923	141,789	173,448
Connecticut3/	54,883	47,720	656,433	30,737	25,629	34,780	52,871
Delaware3/	29,812	22,458	256,978	13,983	11,969	17,212	27,608
District of Columbia3/	8,411	9,117	100,289	8,406	8,878	9,753	11,003
Florida	409,914	448,227	5,428,828	444,297	432,087	511,799	510,176
Georgia	172,473	176,510	2,450,161	157,733	188,595	203,741	241,650
Hawaii	39,841	41,730	566,251	37,980	40,097	48,510	44,506
Idaho	28,944	13,490	411,595	7,728	11,259	23,932	36,801
Illinois	88,866	58,896	1,466,489	33,175	39,970	60,618	86,642
Chicago, metropolitan3/	163,150	125,362	2,205,412	68,870	66,421	103,591	156,247
Indiana	130,966	116,720	1,959,649	69,010	65,058	111,154	137,321
Iowa	83,154	37,000	1,540,485	20,283	19,414	38,420	79,823
Kansas	62,071	59,801	1,210,737	27,160	32,721	72,722	84,675
Kentucky	90,591	80,722	1,262,802	59,504	54,525	70,687	100,175
Louisiana	126,002	120,136	1,715,645	98,243	133,849	144,822	162,279
Maine	23,870	17,635	273,639	8,959	6,325	10,298	12,406
Maryland	87,929	81,606	1,113,534	70,667	59,925	70,701	94,263
Massachusetts3/	81,499	83,122	970,762	49,697	39,622	57,666	85,195
Michigan	177,218	122,680	2,414,961	64,649	63,281	87,771	140,113
Minnesota3/	88,713	56,846	1,573,884	34,192	37,326	60,792	83,703
Mississippi	50,635	49,408	801,732	42,312	63,783	72,296	89,224
Missouri	112,419	122,685	2,163,841	63,301	79,855	131,776	140,507
Montana	19,935	7,595	253,879	5,517	5,302	13,721	26,181
Nebraska	61,022	27,744	890,733	14,403	15,454	32,372	58,225
Nevada	89,151	82,890	1,085,618	63,341	69,465	105,400	109,750
New Hampshire3/	20,218	23,533	237,278	9,490	7,396	9,725	15,115
New Jersey3/	122,776	110,069	1,471,943	77,560	63,022	93,791	146,073
New Mexico	46,832	36,976	624,508	35,591	42,492	56,971	61,062
New York, eastern	49,179	39,883	591,669	22,804	16,263	25,319	46,124
New York, western	68,736	51,320	872,887	34,050	27,510	38,441	61,932
New York, metropolitan3/	69,863	62,334	957,265	39,118	30,992	49,192	81,130
North Carolina3/	135,006	138,789	1,994,988	114,572	140,253	153,243	177,338
North Dakota3/	19,330	11,203	294,135	1,765	2,997	7,453	14,155
Ohio	258,092	194,978	3,191,284	132,517	111,601	164,671	249,032
Oklahoma	77,381	80,316	1,098,969	55,193	59,840	96,336	103,462
Oregon	66,969	46,846	851,919	36,975	48,728	67,033	69,006

See footnotes at end of table.

TABLE 2A
PORTLAND CEMENT SHIPMENTS BY DESTINATION, APRIL 1992-APRIL 1993 1/ 2/ - CONTINUED

(Short tons unless otherwise noted)

State	November 1992	December 1992	1992 Yearend total	January 1993	February 1993	March 1993	April 1993
Pennsylvania, eastern	160,601	131,262	1,913,602	97,830	75,722	98,465	150,619
Pennsylvania, western	101,254	53,045	1,308,359	44,003	34,708	47,828	86,099
Rhode Island3/	10,600	10,713	139,011	5,702	5,675	8,353	12,919
South Carolina	71,382	73,742	1,012,743	63,793	85,317	87,982	101,006
South Dakota	18,869	10,709	344,472	4,625	4,166	10,094	16,840
Tennessee	120,665	108,502	1,545,862	89,611	97,914	111,377	144,878
Texas, northern	282,541	301,117	3,671,008	260,932	266,009	352,092	356,292
Texas, southern	256,324	292,678	3,973,441	258,180	307,013	340,882	376,381
Utah	67,143	41,195	903,284	25,035	31,443	59,826	89,420
Vermont3/	9,270	9,491	111,860	4,382	3,029	4,499	6,135
Virginia	124,005	115,686	1,653,383	102,623	107,304	118,599	147,522
Washington	134,966	101,411	1,787,303	69,493	108,633	144,282	149,428
West Virginia	39,422	30,108	462,362	23,224	19,713	18,246	31,731
Wisconsin3/	128,128	81,075	1,970,510	55,526	52,652	81,928	94,169
Wyoming	13,468	10,161	234,383	7,169	3,608	6,962	15,227
Puerto Rico	99,171	109,777	1,426,059	97,817	119,380	139,011	122,100
U.S. poss. and terr.	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)
Foreign countries5/	26,641	16,282	333,195	10,284	16,011	21,303	26,090
Total shipments (short tons)...	6,009,943	5,231,674	82,746,369	3,945,366	4,300,880	5,750,427	6,865,855
Total shipments (metric tons)..	5,452,130	4,746,096	75,066,265	3,579,177	3,901,694	5,216,701	6,228,601

1/Includes imported cement shipped by domestic and Canadian cement manufacturers and other importers.
2/Excludes cement used in the manufacture of prepared masonry cement.
3/Has no cement producing plants.
4/Included with foreign countries to avoid disclosure of company proprietary data.
5/Direct shipments by producers to foreign countries and also states indicated by footnote 4/.

TABLE 2B
MASONRY CEMENT SHIPMENTS BY DESTINATION, APRIL 1992-APRIL 1993 1/

(Short tons unless otherwise noted)

State	April 1992	May 1992	June 1992	July 1992	August 1992	September 1992	October 1992
Alabama	11,108	10,202	10,783	11,124	10,492	11,458	11,108
Alaska	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)
Arizona	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)
Arkansas	4,241	4,269	3,951	5,080	4,347	4,773	4,988
California, northern	--	--	--	26	--	--	--
California, southern	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)
Colorado	1,522	1,611	1,632	1,727	1,728	1,749	1,951
Connecticut3/	1,223	1,301	1,402	1,392	1,172	1,567	1,542
Delaware3/	848	803	876	827	820	792	1,009
District of Columbia3/	21	30	5	--	8	--	21
Florida	34,566	30,922	31,610	36,669	30,643	30,551	35,369
Georgia	15,887	15,359	15,849	16,441	15,186	16,297	16,495
Hawaii	721	647	725	656	571	477	577
Idaho	53	59	51	53	32	29	57
Illinois	2,247	2,337	2,654	2,579	2,528	2,370	2,772
Chicago, metropolitan3/	4,574	5,333	5,834	5,752	5,725	5,440	6,240
Indiana	8,674	9,231	9,808	9,526	9,934	9,522	10,294
Iowa	948	1,524	1,657	1,459	1,658	1,460	1,678
Kansas	1,533	1,344	1,508	1,744	1,413	1,402	1,549
Kentucky	8,012	8,123	8,623	9,094	8,662	8,723	9,751
Louisiana	3,668	4,018	4,239	4,547	3,832	4,253	4,851
Maine	419	601	515	652	662	640	561
Maryland	8,122	7,478	8,380	7,555	7,374	8,192	7,717
Massachusetts3/	2,393	2,546	2,873	2,747	2,434	2,741	2,793
Michigan	7,571	13,257	14,331	13,344	14,005	14,158	13,482
Minnesota3/	3,295	3,972	4,367	4,428	3,904	4,360	4,372
Mississippi	4,094	4,598	4,418	4,556	3,792	4,204	4,626
Missouri	3,447	3,179	3,015	3,616	3,442	3,662	4,121
Montana	111	126	104	114	125	142	95
Nebraska	871	942	1,171	1,248	1,008	1,055	1,180
Nevada	34	37	--	28	36	--	16
New Hampshire3/	471	599	701	819	737	923	1,023
New Jersey3/	5,014	4,680	5,314	5,533	4,923	5,434	5,643
New Mexico	489	679	528	554	673	637	639
New York, eastern	2,372	2,608	3,067	2,835	2,835	2,776	2,763
New York, western	3,169	4,241	4,939	4,488	4,513	3,711	4,598
New York, metropolitan3/	3,874	3,530	3,775	3,889	3,126	3,583	3,590
North Carolina3/	22,232	20,044	20,390	21,707	19,203	20,750	21,621
North Dakota3/	335	494	422	440	468	535	429
Ohio	14,894	16,370	18,184	16,638	17,979	17,320	18,052
Oklahoma	2,635	2,581	2,793	2,956	3,080	3,504	3,393
Oregon	17	18	33	34	10	6	20

See footnotes at end of table.

TABLE 2B
MASONRY CEMENT SHIPMENTS BY DESTINATION, APRIL 1992-APRIL 1993 1/ - CONTINUED

(Short tons unless otherwise noted)

State	April 1992	May 1992	June 1992	July 1992	August 1992	September 1992	October 1992
Pennsylvania, eastern	5,624	5,963	6,375	6,499	6,035	6,158	6,029
Pennsylvania, western	7,061	7,683	8,945	8,622	8,308	8,502	8,491
Rhode Island3/	310	340	364	389	453	314	594
South Carolina	9,685	9,768	9,077	10,508	8,666	9,752	9,506
South Dakota	515	516	522	506	546	678	437
Tennessee	15,064	14,074	14,659	15,103	13,589	15,020	15,807
Texas, northern	8,460	8,401	11,293	11,844	10,479	11,884	11,153
Texas, southern	8,864	6,480	5,145	6,159	5,559	6,308	5,803
Utah	227	246	196	296	168	383	196
Vermont3/.....	290	341	452	406	370	483	459
Virginia	13,484	12,395	12,629	14,631	11,594	13,712	14,282
Washington	822	608	796	946	654	852	657
West Virginia	2,674	2,964	3,256	3,414	3,253	3,774	3,828
Wisconsin3/	4,011	4,402	5,012	4,750	4,801	4,669	4,749
Wyoming	103	95	159	182	103	137	107
Puerto Rico	--	--	--	--	--	--	--
U.S. poss. and terr.	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)
Foreign countries4/	4,191	5,515	5,648	5,583	4,925	5,317	5,248
Total shipments (short tons)...	267,090	269,484	285,055	296,715	272,583	287,139	298,332
Total shipments (metric tons)..	242,300	244,472	258,598	269,175	247,283	260,488	270,642

See footnotes at end of table.

TABLE 2B
MASONRY CEMENT SHIPMENTS BY DESTINATION, APRIL 1992-APRIL 1993 1/ - CONTINUED

(Short tons unless otherwise noted)

State	November 1992	December 1992	1992 Yearend total	January 1993	February 1993	March 1993	April 1993
Alabama	7,645	8,163	117,312	8,078	10,231	11,692	11,027
Alaska	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)
Arizona	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)
Arkansas	3,256	3,756	49,568	3,520	3,898	5,317	4,154
California, northern	--	--	26	--	--	--	--
California, southern	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)
Colorado	1,077	933	17,047	1,128	1,160	1,597	1,927
Connecticut3/	1,132	1,089	14,124	880	605	1,258	1,385
Delaware3/	814	786	9,284	599	591	781	945
District of Columbia3/	--	--	100	8	--	--	--
Florida	30,623	35,838	390,316	32,290	36,181	43,554	41,946
Georgia	11,661	11,880	174,285	12,224	14,693	16,480	17,727
Hawaii	605	550	7,604	558	688	662	660
Idaho	56	38	574	18	45	38	69
Illinois	1,336	1,576	24,868	781	1,124	1,657	1,869
Chicago, metropolitan3/	4,163	3,216	56,625	2,302	2,440	4,227	4,184
Indiana	6,677	7,027	99,957	5,366	5,227	8,051	7,677
Iowa	717	553	13,979	562	348	918	906
Kansas	830	910	15,415	592	742	1,328	1,449
Kentucky	6,349	6,596	92,281	5,542	5,653	7,064	7,386
Louisiana	3,331	3,525	45,672	3,377	3,340	4,593	3,734
Maine	307	274	6,692	211	157	259	509
Maryland	6,441	5,148	82,758	5,389	4,868	6,036	7,366
Massachusetts3/	1,928	1,708	26,004	1,206	1,074	1,625	2,046
Michigan	8,856	8,352	128,740	5,688	4,988	7,016	10,914
Minnesota3/	2,294	1,859	38,814	1,141	1,109	3,193	2,710
Mississippi	3,495	3,266	48,187	3,050	3,600	4,240	3,795
Missouri	2,545	2,907	38,997	2,009	2,455	3,895	2,796
Montana	88	30	1,093	6	29	113	105
Nebraska	622	720	11,388	252	569	825	977
Nevada	74	44	359	8	28	65	20
New Hampshire3/	642	492	7,274	344	237	557	370
New Jersey3/	4,389	4,341	54,756	3,202	2,526	3,669	4,795
New Mexico	412	316	5,999	307	374	370	739
New York, eastern	1,892	1,728	26,552	1,228	918	1,456	2,011
New York, western	3,105	2,649	41,670	1,792	1,409	2,610	2,441
New York, metropolitan3/	2,849	2,652	38,908	1,934	1,595	2,525	3,458
North Carolina3/	16,901	16,291	231,547	14,201	18,806	24,719	19,141
North Dakota3/	145	103	3,961	108	97	239	321
Ohio	12,895	12,345	173,435	9,438	8,123	12,489	15,389
Oklahoma	2,199	2,596	34,363	2,188	1,942	4,202	2,388
Oregon	7	70	286	10	8	21	18

See footnotes at end of table.

TABLE 28
MASONRY CEMENT SHIPMENTS BY DESTINATION, APRIL 1992-APRIL 1993 1/ - CONTINUED

(Short tons unless otherwise noted)

State	November 1992	December 1992	1992 Yearend total	January 1993	February 1993	March 1993	April 1993
Pennsylvania, eastern	4,672	4,208	62,449	3,659	2,690	4,455	4,910
Pennsylvania, western	6,166	4,179	81,072	4,137	3,361	5,506	6,906
Rhode Island3/	240	204	3,875	140	134	194	254
South Carolina	7,738	7,408	107,595	7,265	8,617	10,356	9,728
South Dakota	265	344	5,313	155	208	443	457
Tennessee	10,902	10,224	156,903	11,207	11,845	15,030	13,734
Texas, northern	9,574	10,909	114,308	9,338	9,448	11,914	12,808
Texas, southern	4,785	5,143	75,353	5,259	6,202	6,451	7,206
Utah	143	154	2,518	120	163	283	128
Vermont3/.....	246	297	3,679	123	35	320	171
Virginia	11,332	9,045	144,286	9,834	10,819	13,390	12,471
Washington	594	295	8,212	253	454	482	503
West Virginia	2,664	1,775	33,119	2,045	1,999	1,918	3,200
Wisconsin3/	2,763	2,482	44,410	2,026	1,688	3,000	3,609
Wyoming	70	47	1,195	96	46	59	190
Puerto Rico	--	--	--	--	--	--	--
U.S. poss. and terr.	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)	(2/)
Foreign countries4/	4,410	3,986	54,091	3,002	3,849	5,434	27,116
Total shipments (short tons)...	218,922	215,027	3,029,198	190,196	203,436	268,576	292,745
Total shipments (metric tons)..	198,603	195,069	2,748,043	172,543	184,554	243,648	265,574

1/Includes imported cement shipped by domestic and Canadian cement manufacturers and other importers.
2/Included with foreign countries to avoid disclosure of company proprietary data.
3/Has no cement producing plants.
4/Direct shipments by producers to foreign countries and also states indicated by footnote 2/.

TABLE 3
SHIPMENTS OF FINISHED PORTLAND CEMENT BY STATE OF DESTINATION (1988-1993) FOR MONTH OF APRIL1/ 2/

(Thousand short tons)

State	1988	1989	1990	1991	1992	5-Year Average	1993	Record High		- Percent Change From - --- Current Year to ---		
								Qty.	Yr	1992	5-Year Average	Record Year
Alabama	124	113	138	117	134	125	130	139	77	-3	4	-7
Alaska3/	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)
Arizona	186	186	187	177	167	181	190	243	86	14	5	-22
Arkansas	67	65	61	52	81	65	69	107	78	-15	6	-36
California, northern	295	325	340	282	269	302	279	340	90	4	-8	-18
California, southern	642	741	661	554	530	626	498	741	89	-6	-20	-33
Colorado	92	81	78	104	142	99	173	173	93	22	75	--
Connecticut3/	96	77	62	60	57	70	53	96	86	-7	-24	-45
Delaware3/	23	24	22	17	20	21	28	28	93	40	33	--
District of Columbia3/	17	18	22	19	9	17	11	28	74	22	-35	-61
Florida	587	600	548	401	484	524	510	600	89	5	-3	-15
Georgia	262	237	259	211	235	241	242	332	87	3	--	-27
Hawaii	30	37	44	49	54	43	45	54	92	-17	5	-17
Idaho	26	25	30	27	36	29	37	50	77	3	28	-26
Illinois, Chicago metropolitan	303	305	313	280	291	298	243	323	68	-17	-19	-25
Indiana	141	140	145	145	153	145	137	160	68	-11	-6	-14
Iowa	100	101	92	103	116	102	80	143	77	-31	-22	-44
Kansas	121	101	100	96	103	104	85	128	86	-18	-18	-34
Kentucky	94	97	94	90	109	97	100	120	86	-8	3	-17
Louisiana	162	139	175	153	150	156	162	272	78	8	4	-40
Maine	28	22	18	16	14	20	12	28	88	-14	-40	-57
Maryland	158	141	138	109	109	131	94	158	88	-14	-28	-41
Massachusetts3/	133	100	80	73	84	94	85	148	86	1	-10	-43
Michigan	210	185	198	172	154	184	140	287	68	-9	-24	-51
Minnesota3/	100	90	88	105	106	98	84	133	87	-21	-14	-37
Mississippi	68	65	66	50	75	65	89	90	78	19	37	-1
Missouri	226	190	162	149	197	185	141	226	88	-28	-24	-38
Montana	11	13	14	13	22	15	26	35	69	18	73	-26
Nebraska	64	63	74	64	80	69	58	107	74	-28	-16	-46
Nevada	93	96	126	94	99	102	110	126	90	11	8	-13
New Hampshire3/	27	22	17	17	16	20	15	34	86	-6	-25	-56
New Jersey3/	165	178	152	116	141	151	146	206	71	4	-3	-29
New Mexico	45	47	43	51	59	49	61	62	78	3	25	-2
New York, eastern	64	49	52	42	47	51	46	92	73	-2	-10	-50
New York, western	78	78	75	73	59	73	62	89	74	5	-15	-30
New York, metropolitan3/	170	150	126	105	86	128	81	170	88	-6	-37	-52
North Carolina	178	171	182	156	182	174	177	197	87	-3	2	-10
North Dakota3/	11	12	6	14	13	11	14	27	77	8	27	-48

See footnotes at end of table.

TABLE 3
SHIPMENTS OF FINISHED PORTLAND CEMENT BY STATE OF DESTINATION (1988-1993) FOR MONTH OF APRIL1/ 2/ - CONTINUED

(Thousand short tons)

State	1988	1989	1990	1991	1992	5-Year Average	1993	Record High		- Percent Change From - Current Year to		
								Qty.	Yr	1992	5-Year Average	Record Year
Ohio	281	266	297	257	252	271	249	324	68	-1	-8	-23
Oklahoma	93	108	76	125	91	99	103	191	82	13	4	-46
Oregon	56	60	71	68	67	64	69	82	73	3	8	-16
Pennsylvania, eastern	212	215	185	155	165	186	151	215	89	-9	-19	-30
Pennsylvania, western	89	79	94	99	99	92	86	108	87	-13	-7	-20
Rhode Island3/	19	16	15	12	12	15	13	21	84	8	-13	-38
South Carolina	111	93	106	90	92	98	101	111	88	10	3	-9
South Dakota	15	15	17	18	22	17	17	29	76	-23	--	-41
Tennessee	152	146	147	129	144	143	145	173	86	1	1	-16
Texas, northern	320	303	209	256	331	284	356	367	87	8	25	-3
Texas, southern	352	353	360	367	377	362	376	425	87	--	4	-12
Utah	50	56	68	60	82	63	89	89	93	9	41	--
Vermont3/	16	11	6	7	6	9	6	16	88	--	-33	-63
Virginia	220	214	194	159	156	189	148	220	88	-5	-22	-33
Washington	95	138	168	140	160	140	149	168	90	-7	6	-11
West Virginia	34	26	32	34	37	33	32	55	77	-14	-3	-42
Wisconsin	108	121	130	98	145	120	94	145	92	-35	-22	-35
Wyoming	18	11	15	52	18	23	15	52	91	-17	-35	-71
Puerto Rico	113	118	123	116	120	118	122	160	74	2	3	-24
Foreign Countries	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)
Undistributed5/	16	24	30	28	27	25	30	30	93	11	20	--
Total	7,568	7,459	7,330	6,627	7,084	7,214	6,866	7,878	87	-3	-5	-13

1/Includes imported cement shipped by domestic and Canadian cement manufacturers and other importers.
2/Excludes cement used in the manufacture of prepared masonry cement.
3/Has no cement producing plants.
4/Included with undistributed to avoid disclosing company proprietary data.
5/Direct shipments by producers to foreign countries and also states indicated by footnote 4/.

TABLE 4
SHIPMENTS OF PREPARED MASONRY CEMENT BY STATE OF DESTINATION (1988-1993) FOR MONTH OF APRIL1/

(Thousand short tons)

State	1988	1989	1990	1991	1992	5-Year Average	1993	Record High		- Percent Change From - --- Current Year to ---		
								Qty.	Yr	1992	5-Year Average	Record Year
Alabama	10	9	11	9	11	10	11	14	87	--	10	-21
Alaska2/	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)
Arizona	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)
Arkansas	3	3	3	3	4	3	4	9	78	--	33	-56
California, northern	(4/)	--	--	--	--	(4/)	--	(4/)	88	--	--	--
California, southern	1	1	1	(4/)	(4/)	1	23	23	93	--	--	--
Colorado	1	1	1	1	2	1	2	4	78	--	100	-50
Connecticut2/	2	2	2	1	1	2	1	2	88	--	-50	-50
Delaware2/	1	1	1	1	1	1	1	1	88	--	--	--
District of Columbia2/	(4/)	--	--	--	(4/)	(4/)	--	7	72	--	--	-100
Florida	46	45	41	28	35	39	42	47	87	20	8	-11
Georgia	20	17	18	14	16	17	18	24	87	13	6	-25
Hawaii	1	1	1	1	1	1	1	1	73	--	--	--
Idaho	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	79	--	--	--
Illinois, Chicago metropolitan	8	9	9	7	7	8	6	13	78	-14	-25	-54
Indiana	8	8	8	7	9	8	8	13	78	-11	--	-39
Iowa	1	1	1	1	1	1	1	3	77	--	--	-67
Kansas	2	2	1	1	2	2	1	3	78	-50	-50	-67
Kentucky	8	7	8	6	8	7	7	14	78	-13	--	-50
Louisiana	3	3	3	3	4	3	4	10	78	--	33	-60
Maine	1	1	1	(4/)	(4/)	1	1	2	78	--	--	-50
Maryland	15	14	12	9	8	12	7	19	72	-13	-42	-63
Massachusetts2/	5	3	2	2	2	3	2	5	86	--	-33	-60
Michigan	13	12	12	10	8	11	11	22	68	38	--	-50
Minnesota2/	4	4	4	3	3	4	3	6	77	--	-25	-50
Mississippi	4	4	4	3	4	4	4	7	78	--	--	-43
Missouri	5	4	3	3	3	4	3	6	78	--	-25	-50
Montana	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	77	--	--	--
Nebraska	1	1	1	1	1	1	1	2	79	--	--	-50
Nevada	(4/)	--	(4/)	(4/)	(4/)	(4/)	(4/)	1	72	--	--	-100
New Hampshire2/	1	1	1	1	(4/)	1	(4/)	1	76	--	-100	-100
New Jersey2/	8	6	6	4	5	6	5	10	72	--	-17	-50
New Mexico	1	1	(4/)	1	(4/)	1	1	2	78	--	--	-50
New York, eastern	4	3	3	2	2	3	2	4	76	--	-33	-50
New York, western	5	4	4	4	3	4	2	7	74	-33	-50	-71
New York, metropolitan2/	5	5	4	5	4	4	3	6	72	-25	-25	-50
North Carolina	21	21	21	18	22	21	19	26	87	-14	-10	-27
North Dakota2/	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	1	76	--	--	-100

See footnotes at end of table.

TABLE 4
SHIPMENTS OF PREPARED MASONRY CEMENT BY STATE OF DESTINATION (1988-1993) FOR MONTH OF APRIL1/ - CONTINUED

(Thousand short tons)

State	1988	1989	1990	1991	1992	5-Year Average	1993	Record High		- Percent Change From - --- Current Year to ---		
								Qty.	Yr	1992	5-Year Average	Record Year
Ohio	18	15	15	13	15	15	15	24	78	--	--	-38
Oklahoma	3	3	2	3	3	3	2	8	78	-33	-33	-75
Oregon	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	80	--	--	--
Pennsylvania, eastern	8	9	8	6	6	7	5	12	72	-17	-29	-58
Pennsylvania, western	8	7	6	6	7	7	7	11	77	--	--	-36
Rhode Island2/	1	1	(4/)	(4/)	(4/)	(4/)	(4/)	1	88	--	--	-100
South Carolina	13	11	13	10	10	11	10	15	72	--	-9	-33
South Dakota	(4/)	(4/)	1	(4/)	1	1	(4/)	1	76	-100	-100	-100
Tennessee	16	15	14	12	15	14	14	19	78	-7	--	-26
Texas, northern	8	7	6	7	8	7	13	13	93	63	86	--
Texas, southern	5	6	6	7	9	7	7	9	92	-22	--	-22
Utah	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	(4/)	78	--	--	--
Vermont2/	(4/)	1	(4/)	(4/)	(4/)	(4/)	(4/)	1	89	--	--	-100
Virginia	21	21	19	15	13	18	12	23	78	-8	-33	-48
Washington	(4/)	1	1	1	1	1	1	1	79	--	--	--
West Virginia	3	3	3	3	3	3	3	6	78	--	--	-50
Wisconsin	4	5	5	2	4	4	4	7	78	--	--	-43
Wyoming	(4/)	(4/)	(4/)	1	(4/)	(4/)	(4/)	1	91	--	--	-100
Puerto Rico	--	--	--	--	--	--	--	(4/)	74	--	--	--
Foreign Countries	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)	(3/)
Undistributed5/	9	10	7	6	4	7	4	10	89	--	-43	--
Total	326	308	294	246	267	288	293	340	87	10	2	-14

1/Includes imported cement shipped by domestic and Canadian cement manufacturers and other importers.
2/Has no cement producing plants.
3/Included with undistributed to avoid disclosing company proprietary data.
4/Less than 1/2 unit.
5/Direct shipments by producers to foreign countries and also states indicated by footnote 3/.

TABLE 5. - HYDRAULIC CEMENT 1/ AND CLINKER 2/ IMPORTED FOR CONSUMPTION IN THE UNITED STATES
MARCH 1993 BY COUNTRY AND CUSTOMS DISTRICT 3/
(SHORT TONS)

CUSTOMS DISTRICT	AUSTRALIA	BELGIUM	CANADA	CHINA	COLOMBIA	DENMARK	FRANCE	GERMANY
ANCHORAGE, AK.			1,743					
BALTIMORE, MD.								
BOSTON, MA.								
BUFFALO, NY.			11,505					
CHICAGO, IL.								
COLUMBIA - SNAKE.				23,038				
DETROIT, MI.			8,910					
EL PASO, TX.								
GREAT FALLS, MT.			8,064					
HONOLULU, HI.	47,814							
HOUSTON - GALVESTON, TX.								
LAREDO, TX.								
LOS ANGELES, CA.								
MIAMI, FL.		463			41,291	4,896		
MINNEAPOLIS, MN.								17
NEW ORLEANS, LA.							27,271	
NEW YORK CITY, NY.								
NOGALES, AZ.								
NORFOLK, VA.							1,042	
OGDENSBURG, NY.			15,890					
PEMBINA, ND.			3,444					
PHILADELPHIA, PA.								
SAN DIEGO, CA.								
SAN JUAN, PR.		868						
SEATTLE, WA.			57,124					
ST ALBANS, VT.			1,785					
TAMPA, FL.						12,597		
VIRGIN ISLANDS.						1		
MARCH:								
QUANTITY 4/	47,814	1,330	108,464	23,038	41,291	17,495	28,313	17
VALUE 5/	$2,079,031	$187,400	$5,549,054	$1,028,262	$1,746,943	$1,399,981	$2,575,455	$13,779
YEAR-TO-DATE:								
QUANTITY 4/	78,601	2,230	284,435	69,196	92,853	37,708	59,728	17
VALUE 5/	$3,351,238	$338,508	$14,411,690	$3,299,105	$3,702,423	$3,145,901	$4,182,384	$13,779

TABLE 5. - HYDRAULIC CEMENT 1/ AND CLINKER 2/ IMPORTED FOR CONSUMPTION IN THE UNITED STATES
MARCH 1992 BY COUNTRY AND CUSTOMS DISTRICT 3/ - CONTINUED
(SHORT TONS)

CUSTOMS DISTRICT	GREECE	JAPAN	MEXICO	NETHERLANDS	NEW ZEALAND	NIGER	SPAIN	TRINIDAD AND TOBAGO
ANCHORAGE, AK.								
BALTIMORE, MD.								
BOSTON, MA.				17				
BUFFALO, NY.								
CHICAGO, IL.								
COLUMBIA - SNAKE.								
DETROIT, MI.								
EL PASO, TX.			7,809					
GREAT FALLS, MT.								
HONOLULU, HI.								
HOUSTON - GALVESTON, TX.								
LAREDO, TX.			2,339					
LOS ANGELES, CA.			31,123					
MIAMI, FL.							7,745	
MINNEAPOLIS, MN.								
NEW ORLEANS, LA.								
NEW YORK CITY, NY.								
NOGALES, AZ.			18,317					
NORFOLK, VA.								
OGDENSBURG, NY.								
PEMBINA, ND.								
PHILADELPHIA, PA.								
SAN DIEGO, CA.								
SAN JUAN, PR.			845					
SEATTLE, WA.								
ST ALBANS, VT.								
TAMPA, FL.								
VIRGIN ISLANDS.								882
MARCH:								
QUANTITY 4/			60,433	17			7,745	882
VALUE 5/			$2,621,756	$13,605			$678,712	$45,400
YEAR-TO-DATE:								
QUANTITY 4/	27,845	144	156,316	17	28,425	17	45,121	882
VALUE 5/	$1,092,664	$128,326	$6,603,746	$13,605	$1,125,363	$13,605	$2,880,014	$45,400

TABLE 5. - HYDRAULIC CEMENT 1/ AND CLINKER 2/ IMPORTED FOR CONSUMPTION IN THE UNITED STATES
MARCH 1993 BY COUNTRY AND CUSTOMS DISTRICT 3/ - CONTINUED
(SHORT TONS)

CUSTOMS DISTRICT	---UNITED--- ---KINGDOM--	--VENEZUELA-	-------T O T A L 4/ ----- ----MARCH---	---TO DATE--
ANCHORAGE, AK.			1,743	1,743
BALTIMORE, MD.				19
BOSTON, MA.			17	33
BUFFALO, NY.			11,505	27,539
CHICAGO, IL.				19
COLUMBIA - SNAKE.			23,038	45,781
DETROIT, MI.			8,910	25,513
EL PASO, TX.			7,809	16,633
GREAT FALLS, MT.			8,064	14,008
HONOLULU, HI.			47,814	107,027
HOUSTON - GALVESTON, TX.				36
LAREDO, TX.			2,339	7,176
LOS ANGELES, CA.			31,123	92,838
MIAMI, FL.			54,396	89,131
MINNEAPOLIS, MN.			17	17
NEW ORLEANS, LA.			27,271	27,294
NEW YORK CITY, NY.	24,251		24,251	31,968
NOGALES, AZ.			18,317	39,758
NORFOLK, VA.			1,042	29,489
OGDENSBURG, NY.			15,890	49,246
PEMBINA, ND.			3,444	3,948
PHILADELPHIA, PA.	24		24	43
SAN DIEGO, CA.				63
SAN JUAN, PR.			1,713	5,526
SEATTLE, WA.			57,124	176,360
ST ALBANS, VT.			1,785	8,567
TAMPA, FL.			12,597	93,102
VIRGIN ISLANDS.		3,913	4,796	21,515
MARCH:				
QUANTITY 4/	24,275	3,913	365,027	
VALUE 5/	$903,096	$113,255	$18,955,729	
YEAR-TO-DATE:				
QUANTITY 4/	24,276	6,580		914,390
VALUE 5/	$905,084	$251,704		$45,504,539

1/ INCLUDES WHITE CEMENT AS SHOWN IN TABLE 6.
2/ INCLUDES CLINKER AS SHOWN IN TABLE 7.
3/ INCLUDES PUERTO RICO.
4/ DATA MAY NOT ADD TO TOTALS SHOWN BECAUSE OF INDEPENDENT ROUNDING
5/ VALUE=CIF (COST, INSURANCE AND FREIGHT).
SOURCE: U.S. BUREAU OF THE CENSUS.

TABLE 6. - WHITE CEMENT IMPORTED FOR CONSUMPTION IN THE UNITED STATES
MARCH 1993 BY COUNTRY AND CUSTOMS DISTRICT 1/ 2/
(SHORT TONS)

CUSTOMS DISTRICT	BELGIUM	CANADA	DENMARK	MEXICO	SPAIN	TOTAL 4/ MARCH	TOTAL 4/ TO DATE
BUFFALO, NY.		W				2,810	7,495
DETROIT, MI.		W				6,261	17,335
EL PASO, TX.				435		435	1,111
LAREDO, TX.				2,207		2,207	5,909
MIAMI, FL.	463		4,896		7,745	13,104	22,622
NEW YORK CITY, NY.							7,717
NOGALES, AZ.				353		353	353
OGDENSBURG, NY.		24				24	46
SAN DIEGO, CA.							63
SAN JUAN, PR.	860			845		1,705	5,518
TAMPA, FL.			12,597			12,597	24,799
VIRGIN ISLANDS.			1			1	1
MARCH:							
QUANTITY 3/	1,323	9,095	17,495	3,840	7,745	39,498	
VALUE 4/	$180,360	$968,956	$1,399,981	$426,789	$678,712	$3,654,798	
YEAR-TO-DATE:							
QUANTITY 3/	2,199	24,876	37,708	8,282	19,904		92,969
VALUE 4/	$300,244	$2,605,812	$3,145,901	$820,444	$1,908,866		$8,781,267

W WITHHELD TO AVOID DISCLOSING COMPANY PROPRIETARY DATA.
1/ DATA INCLUDED IN TABLE 5.
2/ INCLUDES PUERTO RICO.
3/ DATA MAY NOT ADD TO TOTALS SHOWN BECAUSE OF INDEPENDENT ROUNDING
4/ VALUE=CIF (COST, INSURANCE AND FREIGHT).
SOURCE: U.S. BUREAU OF THE CENSUS.

TABLE 7. - CLINKER IMPORTED FOR CONSUMPTION IN THE UNITED STATES
MARCH 1993 BY COUNTRY AND CUSTOMS DISTRICT 1/ 2/
(SHORT TONS)

CUSTOMS DISTRICT	AUSTRALIA	CANADA	COLOMBIA	FRANCE	NEW ZEALAND	TOTAL 4/ MARCH	TOTAL 4/ TO DATE
DETROIT, MI.							40
HONOLULU, HI.	47,814					47,814	107,027
NEW ORLEANS, LA.				7,410		7,410	7,410
SEATTLE, WA.							16,187
TAMPA, FL.							37,509
MARCH:							
QUANTITY 3/	47,814			7,410		55,224	
VALUE 4/	$2,079,031			$1,025,362		$3,104,393	
YEAR-TO-DATE:							
QUANTITY 3/	78,601	16,227	37,509	7,410	28,425		168,173
VALUE 4/	$3,351,238	$630,996	$1,286,243	$1,025,362	$1,125,363		$7,419,202

W WITHHELD TO AVOID DISCLOSING COMPANY PROPRIETARY DATA.
1/ DATA INCLUDED IN TABLE 5.
2/ INCLUDES PUERTO RICO.
3/ DATA MAY NOT ADD TO TOTALS SHOWN BECAUSE OF INDEPENDENT ROUNDING
4/ VALUE=CIF (COST, INSURANCE AND FREIGHT).
SOURCE: U.S. BUREAU OF THE CENSUS.

Table 8.--Salient Cement Statistics
(Thousand short tons)

Year or month	Shipments1/ 2/	Production1/	Imports3/	Exports	Average price ($/s.t/)4/
1982	65,053	64,341	2,930	203	51.43
1983	71,865	71,347	4,268	118	50.45
1984	81,162	78,699	8,846	80	52.24
1985	84,004	78,859	14,487	98	51.87
1986	88,723	79,916	16,319	59	50.73
1987	90,427	79,501	17,726	52	49.70
1988	90,412	78,252	17,488	101	49.36
1989	87,612	78,559	15,741	512	49.71
1990	87,686	78,606	13,273	554	50.20
1990:					
January	5,819	NA	927	28	62.56
February	5,310	NA	818	20	62.20
March	6,916	NA	918	36	62.31
April	7,578	NA	1,065	40	62.72
May	8,751	NA	1,386	55	63.06
June	9,070	NA	1,576	59	62.95
July	8,711	NA	1,172	65	63.47
August	9,381	NA	1,215	58	63.22
September	8,283	NA	1,154	63	62.62
October	8,998	NA	1,376	47	62.44
November	7,390	NA	836	54	62.20
December	4,960	NA	829	26	62.10
1991:					
January	4,089	NA	527	20	62.10
February	4,636	NA	529	22	63.39
March	5,390	NA	607	28	63.84
April	6,871	NA	746	51	63.09
May	7,776	NA	819	75	63.53
June	7,795	NA	725	59	63.79
July	8,295	NA	944	73	63.98
August	8,418	NA	821	86	64.11
September	8,604	NA	857	75	63.88
October	8,622	NA	822	59	63.80
November	6,106	NA	631	66	63.63
December	5,004	NA	672	85	62.43
1992:					
January	4,700	NA	310	46	63.45
February	4,747	NA	401	40	63.07
March	5,927	NA	386	69	62.17
April	7,352	NA	667	55	62.17
May	7,873	NA	668	86	62.30
June	8,665	NA	607	90	62.52
July	8,530	NA	698	73	62.59
August	8,502	NA	589	82	61.81
September	8,617	NA	772	76	62.60
October	9,189	NA	679	91	61.81
November	6,229	NA	535	51	61.81
December	5,448	NA	486	65	61.81
1993:					
January	4,136	NA	287	22	61.81
February	4,504	NA	262	27	61.97
March	6,019	NA	365	31	61.97
April	7,159	NA	NA	NA	61.97

r/Revised. NA Not available.
1/Portland and masonry cement, and cement produced from imported clinker, for the 50 States and Puerto Rico.
2/Includes portland cement shipped by domestic producers and distributors.
3/Includes clinker.
4/Source: Annual prices are based on an average per ton value of cement sales, f.o.b. plant, reported by producers. Monthly prices are based on an average per ton value of cement delivered to 20 cities as published monthly by Engineering News Record.

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